

## Product datasheet for TP306913M

#### OriGene Technologies, Inc.

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### B3GALNT2 (NM\_152490) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human beta-1,3-N-acetylgalactosaminyltransferase 2 (B3GALNT2), 100

μg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC206913 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MRNWLVLLCPCVLGAALHLWLRLRSPPPACASGAGPADQLALFPQWKSTHYDVVVGVLSARNNHELRNVI RSTWMRHLLQHPTLSQRVLVKFIIGAHGCEVPVEDREDPYSCKLLNITNPVLNQEIEAFSLSEDTSSGLP EDRVVSVSFRVLYPIVITSLGVFYDANDVGFQRNITVKLYQAEQEEALFIARFSPPSCGVQVNKLWYKPV EQFILPESFEGTIVWESQDLHGLVSRNLHKVTVNDGGGVLRVITAGEGALPHEFLEGVEGVAGGFIYTIQ EGDALLHNLHSRPQRLIDHIRNLHEEDALLKEESSIYDDIVFVDVVDTYRNVPAKLLNFYRWTVETTSFN LLLKTDDDCYIDLEAVFNRIVQKNLDGPNFWWGNFRLNWAVDRTGKWQELEYPSPAYPAFACGSGYVISK DIVKWLASNSGRLKTYQGEDVSMGIWMAAIGPKRYQDSLWLCEKTCETGMLSSPQYSPWELTELWKLKER CGDPCRCQAR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK Predicted MW: 56.5 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.





#### B3GALNT2 (NM\_152490) Human Recombinant Protein - TP306913M

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 689703

Locus ID: 148789

**UniProt ID:** Q8NCR0

RefSeq Size: 4755

Cytogenetics: 1q42.3 RefSeq ORF: 1500

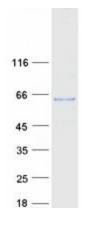
Synonyms: B3GalNAc-T2; MDDGA11

**Summary:** This gene encodes a member of the glycosyltransferase 31 family. The encoded protein

> synthesizes GalNAc:beta-1,3GlcNAc, a novel carbohydrate structure, on N- and O-glycans. Alternatively spliced transcript variants that encode different isoforms have been described.

[provided by RefSeq, Mar 2013]

# **Product images:**



Coomassie blue staining of purified B3GALNT2 protein (Cat# [TP306913]). The protein was produced from HEK293T cells transfected with B3GALNT2 cDNA clone (Cat# [RC206913]) using

MegaTran 2.0 (Cat# [TT210002]).